PURE POWER TOOLS

18V Li-Ion Drill Driver

(PUREDDRIVER18V13)

Original Instructions

Read instructions before operating this tool.

PURE 18V Drill Driver

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EC - DECLARATION OF CONFORMITY

We, the importer
Evolution Power Tools Ltd.
Venture One
Longacre Close
Sheffield
S20 3FR

Declare that the product

Part numbers: **PUREDRIVER1813**
Evolution: **Pure Battery Drill/Driver**

Complies with the essential requirements of the following European Directives:

2006/42/EC – Machine Directive
2006/95/EC – Low Voltage Directive
2004/108/EC – EMC Directive
2002/95/EC – Restriction of the use of Certain Hazardous Substances in Electrical and Electric Equipment

Standards and Technical specifications referred to:-

EN 55014-1/A1:2009
EN 55014-2/A2:2008
EN 60745-1/A11:2010
EN 60745-2-1:2010

All documentation is held on file at the above address and is available, on request for review.

Authorized Signatory
Date: 20/12/11

Name: Mr Matthew J Gavins
Position: Managing Director

IMPORTANT

Please read these operating and safety instructions carefully and completely. For your own safety, before using this equipment check that the voltage is correct and that all handles and parts are firmly secured. If you are uncertain about any aspect of using this equipment, please contact our Technical Helpline.

UK **0870 609 2297**

PURE COMPACT 18V DRILL/DRIVER

Congratulations on your purchase of an Evolution Power Tools Pure 18V Compact Drill/Driver. Please complete your product registration on line to validate your machine's warranty period and ensure prompt service if needed. We sincerely thank you for selecting a product from Evolution Power Tools.

12 MONTH LIMITED WARRANTY. Evolution power tools reserves the right to make improvements and modifications to design without prior notice.

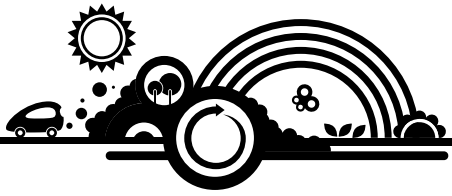
Evolution Power Tools will, within twelve (12) months from the original date of purchase, repair or replace any goods found to be defective in materials or workmanship. This warranty is void if the tool being returned has been used to drill materials beyond the recommendations in the Instruction Manual or if the drill has been damaged by accident, neglect, or improper service. This warranty does not apply to machines and / or components which have been altered, changed, or modified in any way, or subjected to use beyond recommended capacities and specifications. Electrical components are subject to respective manufacturers' warranties. All goods returned defective shall be returned prepaid freight to Evolution Power Tools. Evolution Power Tools reserves the right to optionally repair or replace it with the same or equivalent item. There is no warranty – written or verbal – for drill bits. In no event shall Evolution Power Tools be liable for loss or damage resulting directly or indirectly from the use of our merchandise or from any other cause. Evolution Power Tools is not liable for any costs incurred on such goods or consequential damages. No officer, employee or agent of Evolution Power Tools is authorized to make oral representations of fitness or to waive any of the foregoing terms of sale and none shall be binding on Evolution Power Tools. Questions relating to this limited warranty should be directed to the company's head office, or call the appropriate Helpline number.

1. GENERAL SAFETY RULES

WARNING: When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

Please read all of these instructions before attempting to operate this machine. Save this manual for future reference.

1. Keep work area clear. Cluttered work areas invite accidents.
2. Consider work area environment. Do not expose tools to rain. Do not use tools in damp or wet locations. Keep work area well lit. Do not use tools in the presence of flammable liquids or gases.
3. Guard against electric shock. Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).
4. Keep other people away. Do not let others, especially children, come close to the work, and touch the tool or the extension lead. Keep them away from the work area.



5. Store idle tools. When not in use, tools should be stored in a dry locked-up place, out of reach of children.
6. Do not force the tool. It will do the job better and safer at the rate for which it was intended
7. Use the right tool. Do not force small tools to do the job of a heavy duty tool. Do not use tools for purposes not intended; for example do not use circular saws to cut tree limbs or logs.
8. Dress properly. Do not wear loose clothing or jewellery, they can be caught in moving parts. Non-skid footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
9. Use protective equipment. Use safety glasses. Use face or dust mask if working operations create dust.
10. Connect dust extraction equipment. If the tool is provided for the connection of dust extraction and collection equipment, ensure these are connected and properly used.
11. Do not abuse the cord. Never yank the cord to disconnect it from the socket. Keep the cord away from heat, oil and sharp edges.
12. Secure work. Where possible, use clamps or a vice to hold the work. It's much safer than using your hand.
13. Don't over reach. Keep proper footing and balance at all times.
14. Maintain tools with care. Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and, if damaged, have them repaired by an authorised service facility. Inspect extension cord periodically and replace immediately if damaged. Keep handles dry, clean and free from oil and grease.
15. Disconnect tools. When not in use, before any servicing and when changing accessories such as blades, bits, cutters, disconnect tool from the power source
16. Remove adjusting keys and spanners. Form the habit of checking to see the keys and adjusting spanners are removed from the tool before turning it on.
17. Avoid unintentional starting. Ensure switch is in "off" position when plugging in.
18. Use outdoor extension leads. When the tool is used outdoors, use only extension cords intended for outdoor use and so marked.
19. Stay alert. Watch what you are doing, use common sense and do not operate the tool when you are tired.
20. Check damaged parts. Before further use of tool, it should be carefully checked to determine that it will operate properly and perform the intended function. Check for alignment of moving parts, mountings and any other components that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorised service centre unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorised service centre. Do not use the tool if the switch does not turn it on and off.
21. WARNING. The use of any accessory or attachment other than one recommended in this instruction manual may present a risk of personal injury.
22. Have your tool repaired by a qualified person. This electric tool complies with relevant safety rules. Repairs should only be carried out by qualified persons using original spare parts. Otherwise this may result in considerable danger to the user.

HEALTH ADVICE

WARNING: When drilling, sanding, sawing or grinding, dust particles will be produced. In some instances, depending on the materials you are working with, this dust can be particularly harmful to you (e.g. lead from old gloss paint).You are advised to consider the risks associated with the materials you are working with and to reduce the risk of exposure.

You should:

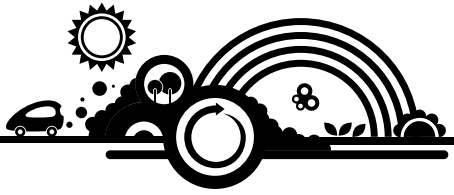
- Work in a well-ventilated area.
- Work with approved safety equipment, such as dust masks that are specially designed to filter microscopic particles.

ADDITIONAL SAFETY RULES FOR YOUR DRILL/DRIVER

1. Do not expose to rain or water.
2. Do not drop, shake or strike the battery.
3. Wear hearing protection when necessary. Exposure to noise can cause hearing loss.
4. Cutting blades and accessories can become very hot. Take care when changing or handling any bits or accessories.
3. Recharge the battery only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
4. Use this power tool only with specially designated battery packs. Use of any other battery packs may create a risk of injury and fire.
5. When the battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
6. Under extreme conditions electrolyte may be leak from the battery. If contact accidentally occurs, flush your skin with water. If electrolyte contacts your eyes, additionally seek medical help. Electrolyte from the battery may cause irritation or burns.
7. Hold the tool by the insulated gripping surfaces, especially when performing an operation where the cutting bit may contact hidden wiring. If the cutting tool contacts a 'live' wire, exposed metal parts of the power tool could become 'live' and give the operator an electric shock.
8. If possible, use clamps or a vice to hold your work.
9. When drilling into walls, floors or similar areas, make sure, as far as possible, that there are no services (gas or water pipes, electric cables etc) in the path of the drill bit. Striking hidden services could cause injury to the user and damage to the property.
10. Always hold the tool with both hands for maximum control. Keep proper footing at all times.
11. Keep hands away from the drilling area. Do not reach under material being drilled.
12. Always wear appropriate safety glasses when using this machine. Every day glasses are NOT safety glasses.

WARNING: This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the safe use of the machine by a person responsible for their safety.

Children should be supervised to ensure that they do not have access to, and are not allowed to play with, this machine.



LABELS & SYMBOLS

WARNING: Do not operate machine if warning and/or instruction labels are missing or damaged. Contact Evolution Power Tools for replacement labels.

Symbol	Description
V	Volts
A	Amperes
Hz	Hertz
Min^{-1}	Speed
~	Alternating Current
n_O	No Load Speed
⧈	Double Insulated
	Wear Safety Goggles
	Wear Ear Protection

DRILL/DRIVER OVERVIEW

1. KEYLESS CHUCK
2. TORQUE ADJUSTMENT RING
3. FORWARD/REVERSE SELECTION LEVER
4. SOFT GRIP HANDLE
5. ON/OFF TRIGGER SWITCH
6. GEAR SELECTION SWITCH
7. INSERTED BATTERY PACK
8. BATTERY PACK LOCKING TAB

SPECIFICATION

PURE DRILL/DRIVER

Voltage:	18V-DC
No Load Speed:	0-350 / 0-1250 min^{-1}
Torque position:	23 + 1
Chuck capacity:	13mm
Max torque:	30 N.m

Items Supplied

Instruction Manual	1pc

OPERATING INSTRUCTIONS

Note: Before using this tool, read the Instruction Manual carefully.

BEFORE USE

A Battery Pack must be inserted into the tool as detailed below. It is important that the Battery Pack is of the designated type recommended for this machine.

Newly purchased Battery Packs do not come fully charged. Please refer to the PURE CHARGER MANUAL for full details on how to charge the Battery Pack for this machine.

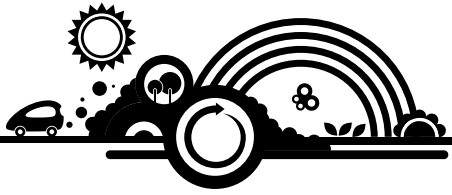
1. INSTALLING OR REMOVING THE BATTERY PACK

Check that the Battery Pack is of the designated type for this machine. We recommend that the 'On/Off' trigger switch is locked in the 'Off' position when removing or inserting the Battery Pack. Refer to section 3 below.

a. Slide the Battery Pack into the end of the machines body. The Battery can only fit one way round.

b. Gently slide the Battery Pack fully into the machines body to engage the locking tabs. The electrical connections between the battery and the machine will be made automatically.

c. To remove the Battery Pack, simply press the two locking tabs with your finger and thumb and slide the Battery Pack from the machine.



2. On/Off TRIGGER SWITCH

This tool is fitted with a variable speed Trigger Switch that delivers higher speed and torque as the trigger pressure is increased. The Trigger Switch is also fitted with a brake function which stops the chuck immediately when you quickly release the trigger.

3. TRIGGER SWITCH LOCK

To lock the Trigger Switch in the 'Off' position, slide the forward/reverse Selection Lever to its central position.

4. GEAR BOX SELECTION SWITCH

This drill is fitted with a high and low ratio gear box.

To select the low ratio gearbox, slide the Selection Switch rearwards to reveal the number 1 on the switch body

To select the high ratio gearbox, slide the Selection Switch forwards to reveal the number 2 on the switch body.

5. FORWARD/REVERSE SELECTION

For drilling and screw driving use the forward rotation marked ▶ on the Selection Lever. Push the lever fully
to the left.

For reverse rotation, necessary when removing screws etc. push the Selection Lever fully to the right, marked ◀ on the Selection Lever.

Only operate the Selection Lever when the drill is at a complete stop.

6. CHUCK OPERATION

This drill is equipped with a self centering three jawed keyless chuck.

a. To open the chuck jaws, rotate the front section of the chuck.

b. Insert the required drill bit or screwdriver bit into the open chuck jaws and rotate the front section of the chuck in the opposite direction to close the jaws around the bit.

c. Hold the rear section of the chuck, and rotate the front section of the chuck firmly to secure the drill/screwdriver bit into the chuck.

d. Rotate the chuck by hand to check that the bit is located centrally in the chuck.

7. TORQUE ADJUSTMENT

Torque is the rotary force that the drill can deliver. This drill has a 23 + 1 position torque adjustment ring. The higher the number selected, the greater the torque delivered by the drill.

For Guidance:

1 - 4	For driving small screws.
5 - 9	For driving screws into soft materials.
10 - 15	For driving screws into soft and hard materials.
16 - 23	For sustained heavy drill/driving.
24	For maximum torque delivery.

We recommend that the operator trials any torque application by starting with a low setting. Progressively increase the torque setting until the desired outcome is achieved.

8. DRILLING METAL

Always wear appropriate safety equipment for the task at hand. Always wear safety goggles when drilling metallic materials.

1. For maximum performance, use High Speed Steel (HSS) drill bits for metal or steel drilling.
2. Use a centre punch to mark the hole location on the workpiece.
3. Secure the workpiece in a vice or other clamping device if practicable.
4. Select a suitable torque setting.
5. Begin drilling at a low speed to prevent the drill slipping out of the centre punch indentation.
6. Maintain a speed and pressure which allows efficient cutting without overheating the bit. Applying too much pressure could overheat the drill bit, and lead to premature wear of the machines bearings etc.
7. When drilling large holes in metal, it is recommended that a small 'pilot hole' is drilled first. This 'pilot hole' can then be enlarged by successively drilling through the hole until the required size is achieved. Lubrication of the bit with an appropriate cutting lubricant can improve drilling performance and increase drill bit life.

9. DRILLING WOOD

Always wear appropriate safety equipment and wear safety goggles when drilling wood.

1. For maximum performance, use High Speed Steel (HSS) drill bits specially designed for drilling wood.
2. Secure the workpiece with a suitable clamping device if practicable.
3. Select a suitable torque setting.
4. Begin drilling at a low speed to prevent the bit from slipping from the start point. Increase the speed as the drill bites into the material.
5. When drilling 'through' holes, place a block of wood behind the workpiece to prevent ragged or splintered edges on the exit side of the hole.

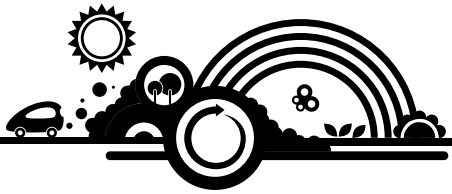
10. MAINTENANCE

Your Drill/Driver requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool.

Keep the tool clean, but do not use chemical cleaners which may damage the plastic parts. Clean with a dry cloth. Ensure that the motor ventilation slots are kept clean.

ENVIRONMENTAL PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



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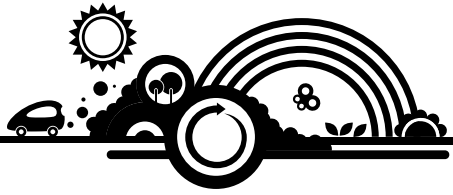

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